

Claim Amendments

Please amend the claims according to the claim list shown below.

1. (currently amended) [[A]] An in vitro culture of *Staphylococcus epidermidis* morphotes obtained from mammalian tissues, wherein the morphotes exhibit exhibiting tissue-level multicellular self-organization into a multicellular, mammalian tissue-like pattern when cultured in vitro.

2. (canceled)

3. (currently amended) The culture of morphotes of claim 1, wherein the morphotes exhibit exhibiting sheet-like tissue-level multicellular self-organization cultured in vitro.

4. (currently amended) The culture of morphotes of claim 1, wherein the morphotes exhibit exhibiting capillary-like tissue-level multicellular self-organization when cultured in vitro.

5. (currently amended) The culture of morphotes of claim 1, wherein the morphotes exhibit exhibiting trabecular (spongy) bone-like tissue-level multicellular self-organization when cultured in vitro.

6. (currently amended) The culture of claim 1, wherein three or more *Staphylococcus epidermidis* bacteria morphotes connect or interconnect into networks of varying densities, scales, or dimensions that tessellate triangular, quadrilateral, and polygonal areas or shapes that contain no morphote cells.

7-38. (canceled)